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INTELLECTUAL PROPERTY

NO. 9204 P. 1



Facsimile Cover Sheet

	Total number of pages including cover sheet 5	Date June 21, 2004
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	City, State, Zip Peoria, IL 61629-7310	
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RE: Re: File No.: 02-311

Application No.: 10/806,525

Message:

Attached please find the Filing Receipt for the above application as well as the New Application Transmittal. Note that one, the inventor's name is misspelled on the Filing Receipt. Please correct Brady L. Winkleman's name and advise when the Filing Receipt has been corrected.

Please feel free to contact me if you have any questions. Thank you for your assistance.

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/806,525	03/23/2004	3747	932	02-311	3	29	2

CONFIRMATION NO. 2508

719
 CATERPILLAR INC. KPR
 100 N.E. ADAMS STREET
 PATENT DEPT.
 PEORIA, IL 616296490

FILING RECEIPT

OC000000012889346

Date Mailed: 06/07/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

William C. Boley, Lafayette, IN;
 Brady L. Winkleman, Lafayette, IN;
 James M. Schultz, Chillicothe, IL;
 Gary P. Mueller, Lafayette, IN;
 Jason L. Niethammer, Geneva, SWITZERLAND;

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 06/07/2004

Projected Publication Date: 09/29/2005

Non-Publication Request: No

Early Publication Request: No

Title

Pre-chambered type spark plug with pre-chamber entirely below a bottom surface of a cylinder

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JUN 11 2004

CATERPILLAR INC.

head

Preliminary Class

123

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Title 37, Code of Federal Regulations, 5.11 & 5.15**

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Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

ATTN: BOX PATENT APPLICATION

Sheet 1 of 2

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

Docket No.: 02-311

Date: March 23, 2004

U.S. Express Mail Label No.:

EV323569399US

Inventor Name(s):

WILLIAM C. BOLEY; GARY P MUELLER; JASON L NIETHAMMER; JAMES M SCHULTZ; AND
BRADY L WINKLEMAN

Title:

PRE-CHAMBERED TYPE SPARK PLUG WITH PRE-CHAMBER ENTIRELY BELOW A
BOTTOM SURFACE OF A CYLINDER HEAD

☒ Fee Transmittal Form Attached in Duplicate☒ Specification and Claim(s)[Total Pages]☒ Drawing(s)[Total Sheets]

Declaration

[Total Pages]☒ Newly Executed (Original or Copy)☐ Copy From Prior Application (37 CFR § 1.63(d))☐ Deletion of Inventor(s) (37 CFR § 1.63(d)(2))
(Signed Statement Attached)☒ Assignment Papers (Cover Sheet and Document(s))☐ 37 CFR § 3.73(b) Statement (if applicable)☐ Power of Attorney☐ English Translation Document (if applicable)☒ Information Disclosure Statement (IDS)/PTO-1449☒ Copies of IDS Citations☐ Preliminary Amendment☒ Return Receipt Postcard (Specifically Itemized)☐ Certified Copy of Priority Document(s)☐ Other

--Continue Next Page--

Sheet 2 of 2

If a Continuing Application

☐ Continuation☐ Divisional☐ Continuation-In-Part (CIP)

of prior Application No.:

Examiner:

Group/Art Unit:

☐ Cancel Claims:

For Continuations or Divisional Applications only: The entire disclosure of the prior application, from which an oath or declaration is supplied, as set forth above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.

Correspondence Address:

☒ Customer Number or Bar Code Label:

719

or

☐ Correspondence address below:

Name:

Address:

City:

State:

Zip Code:

Country:

Attorney/Agent: Keith P. RobersonRegistration No.: 43,885

Signature:

Caterpillar Inc.

Date:

3/23/04